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**PATENT APPLICATION FEE DETERMINATION RECORD**  
Substitute for Form PTO-875

Application or Docket Number

09/858130

**CLAIMS AS FILED - PART I**

| (Column 1)  |              | (Column 2)   | SMALL ENTITY |     | OR | OTHER THAN SMALL ENTITY |     |
|---|--------------|--------------|--------------|-----|----|-------------------------|-----|
| FOR   | NUMBER FILED | NUMBER EXTRA | RATE         | FEE |    | RATE                    | FEE |
| BASIC FEE<br>(37 CFR 1.16(a))                     |              |              |              | \$  | OR |                         | \$  |
| TOTAL CLAIMS<br>(37 CFR 1.16(c))                  | minus 20 =   |              | X \$         |     | OR | X \$                    |     |
| INDEPENDENT CLAIMS<br>(37 CFR 1.16(b))            | minus 3 =    |              | X \$         |     | OR | X \$                    |     |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d)) |              |              | + \$         |     | OR | + \$                    |     |
|   |              |              | TOTAL        |     | OR | TOTAL                   |     |

\* If the difference in column 1 is less than zero, enter "0" in column 2.

**CLAIMS REMAINING AFTER AMENDMENT**

| (Column 1)  |                                  | (Column 2)                         | (Column 3)    | SMALL ENTITY    |                | OR | OTHER THAN SMALL ENTITY |                |
|---|----------------------------------|------------------------------------|---------------|-----------------|----------------|----|-------------------------|----------------|
| AMENDMENT A   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE            | ADDITIONAL FEE |    | RATE                    | ADDITIONAL FEE |
| Total<br>(37 CFR 1.16(c))                                       | 18                               | 20                                 |               | X \$            |                | OR | X \$                    |                |
| Independent<br>(37 CFR 1.16(b))                                 | 5                                | 5                                  |               | X \$            |                | OR | X \$                    |                |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) |                                  |                                    |               | + \$            |                | OR | + \$                    |                |
|   |                                  |                                    |               | TOTAL ADD'L FEE |                | OR | TOTAL ADD'L FEE         |                |

| (Column 1)  |                                  | (Column 2)                         | (Column 3)    | SMALL ENTITY    |                | OR | OTHER THAN SMALL ENTITY |                |
|---|----------------------------------|------------------------------------|---------------|-----------------|----------------|----|-------------------------|----------------|
| AMENDMENT B   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE            | ADDITIONAL FEE |    | RATE                    | ADDITIONAL FEE |
| Total<br>(37 CFR 1.16(c))                                       | 18                               | 20                                 |               | X \$            |                | OR | X \$                    |                |
| Independent<br>(37 CFR 1.16(b))                                 | 5                                | 5                                  |               | X \$            |                | OR | X \$                    |                |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) |                                  |                                    |               | + \$            |                | OR | + \$                    |                |
|   |                                  |                                    |               | TOTAL ADD'L FEE |                | OR | TOTAL ADD'L FEE         |                |

Small Entity

| (Column 1)  |                                  | (Column 2)                         | (Column 3)    | SMALL ENTITY    |                | OR | OTHER THAN SMALL ENTITY |                |
|---|----------------------------------|------------------------------------|---------------|-----------------|----------------|----|-------------------------|----------------|
| AMENDMENT C   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE            | ADDITIONAL FEE |    | RATE                    | ADDITIONAL FEE |
| Total<br>(37 CFR 1.16(c))                                       |                                  |                                    |               | X \$            |                | OR | X \$                    |                |
| Independent<br>(37 CFR 1.16(b))                                 |                                  |                                    |               | X \$            |                | OR | X \$                    |                |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) |                                  |                                    |               | + \$            |                | OR | + \$                    |                |
|   |                                  |                                    |               | TOTAL ADD'L FEE |                | OR | TOTAL ADD'L FEE         |                |

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public, which is to be (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9129 and select option 2.

PROCEEDS (31-03)  
 Approved for use through 12/31/2002. GPO 033-4822  
 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

**PATENT APPLICATION FEE DETERMINATION RECORD**  
 Substitute for Form PTO-615

Application Serial Number  
**15/158130**

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**CLAIMS AS FILED - PART I**

(Column 1) (Column 2)

| FEE  | NUMBER FILED | NUMBER EXTRA |
|--|--------------|--------------|
| BASE FEE (37 CFR 1.103)                            |              |              |
| TOTAL CLAIMS (37 CFR 1.103)                        | 20           | 0            |
| INDEPENDENT CLAIMS (37 CFR 1.103)                  | 2            | 0            |
| MULTIPLE DEPENDENT CLAIMS PERMITTED (37 CFR 1.103) |              |              |

\* If the number in column 1 is less than 20, enter "0" in column 2.

**SMALL ENTITY** OR **OTHER THAN SMALL ENTITY**

| RATE  | FEE |
|-------|-----|
|       | 355 |
| 1.1   |     |
| 1.2   |     |
| 1.3   |     |
| TOTAL | 355 |

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**CLAIMS AS AMENDED - PART II**

(Column 1) (Column 2) (Column 3)

| AMENDMENT A   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|----------------------------------|------------------------------------|---------------|
| 9/17/04   | 20                               | 20                                 | 1             |
| Total of 37 CFR 1.103   | 20                               | 20                                 | 1             |
| INDEPENDENT OF 37 CFR 1.103                                   | 2                                | 3                                  | 1             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.103) |                                  |                                    |               |

**SMALL ENTITY** OR **OTHER THAN SMALL ENTITY**

| RATE            | ADDITIONAL FEE |
|-----------------|----------------|
| 1.1             |                |
| 1.2             | 1              |
| 1.3             |                |
| TOTAL ADD'L FEE |                |

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**AMENDMENT B**

(Column 1) (Column 2) (Column 3)

| AMENDMENT B   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|----------------------------------|------------------------------------|---------------|
| 2/15/05   | 20                               | 20                                 | 1             |
| Total of 37 CFR 1.103   | 20                               | 20                                 | 1             |
| INDEPENDENT OF 37 CFR 1.103                                   | 2                                | 3                                  | 1             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.103) |                                  |                                    |               |

**SMALL ENTITY** OR **OTHER THAN SMALL ENTITY**

| RATE            | ADDITIONAL FEE |
|-----------------|----------------|
| 1.1             |                |
| 1.2             |                |
| 1.3             |                |
| TOTAL ADD'L FEE |                |

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**AMENDMENT C**

(Column 1) (Column 2) (Column 3)

| AMENDMENT C   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---|----------------------------------|------------------------------------|---------------|
| 4/16/05   | 10                               | 20                                 | 2             |
| Total of 37 CFR 1.103   | 10                               | 20                                 | 2             |
| INDEPENDENT OF 37 CFR 1.103                                   | 0                                | 3                                  | 2             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.103) |                                  |                                    |               |

**SMALL ENTITY** OR **OTHER THAN SMALL ENTITY**

| RATE            | ADDITIONAL FEE |
|-----------------|----------------|
| 1.1             |                |
| 1.2             |                |
| 1.3             | 60             |
| TOTAL ADD'L FEE | 400            |

\* If the entry in column 1 is less than the entry in column 2, enter "0" in column 3.

\* If the "Highest Number Previously Paid For" on THIS SPACE is less than 20, enter "0".

\* If the "Highest Number Previously Paid For" on THIS SPACE is less than 3, enter "0".

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This collection of information is required by 37 CFR 1.103. This information is required to obtain or retain a benefit by the patent which is the result of the USPTO to process an application. Confidentiality is governed by 35 U.S.C. 422 and 37 CFR 1.104. This collection is submitted to take 10 minutes to complete, including gathering, preparing, and submitting the completed application to the USPTO. There will vary depending upon the individual case. Any questions on the content of this you should be directed to the local office supervisor for reviewing the patent, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22303-4450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22303-4450.

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